

U.S. ENVIRONMENTAL PROTECTION AGENCY

APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form GIS. If form FEE does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Unit 4 (1 of 2)

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
PM		1.63	7.15	
HCl/CL2		2.64	11.57	
NOx		NA	61.6	
CO		6.52	13.86	
SO2		NA	50.76	
VOM		8.0	3.1	
Hg		0.0073	0.0319	7439-97-6
As		0.0052	0.0226	7440-38-2
Be		0.0052	0.0226	7440-41-7
Cd		0.0129	0.0564	7440-43-9
Cr		0.0052	0.0226	7440-47-3
Sb		0.0000111	0.0000486	7440-31-5

